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Robertson  
Pre Amndt

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): KITANO, et al  
Serial No.: 09/921,925  
Filed: August 6, 2001  
For: LIQUID COOLING SYSTEM AND PERSONAL COMPUTER  
USING THEREOF  
Group: 2836  
Examiner:

FURTHER PRELIMINARY AMENDMENT

Commissioner for Patents  
Washington, D.C. 20231

March 5, 2003

Sir:

The following further preliminary amendments and remarks are respectfully submitted in connection with the above-identified application.

IN THE CLAIMS:

Please amend claims 5, 8-10 and 12-14 as follows:

5. (twice amended) A personal-computer, comprising:
- a semiconductor element;
  - a signal input portion;
  - a display device; and
  - a liquid cooling system, including:
    - a pump for supplying cooling liquid;
    - a heat receiving jacket supplied with said cooling liquid and positioned to receive heat generated within said semiconductor element;

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